

piINLINE® vacuum generator MICRO Bi, 4-4 mm

Item number: 01.22.880



- Patented COAX® cartridge technology.
- High vacuum flow capacity in relation to energy consumption.
- Low weight inline design with push-in fittings.
- Quick and easy installation directly on the hose.
- Si/Ti cartridge at 87 psi for extra vacuum flow.
- Bi cartridge for high performance at low pressure.
- Ti/Xi cartridge at 58/72.5 psi when high flow and deep vacuum is needed.

Technical data

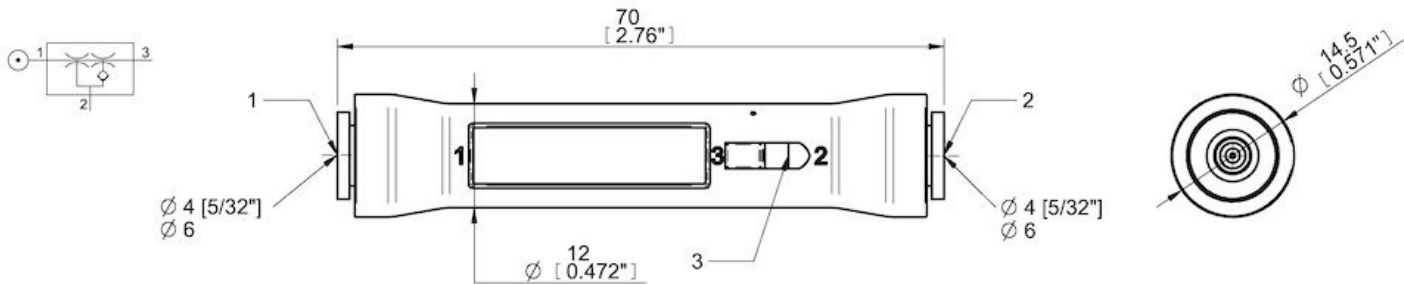
Description	Unit	Value
Material	-	Al, CuZn, Nitrile (NBR), PA, SS, TPE
Temperature, max.	°F	176.0
Temperature, min.	°F	14.0
Weight, min.	oz	0.35
Feed pressure, max.	psi	0.10
Noise level, max.	dBA	73
Noise level, min.	dBA	64

Performance

Feed pressure psi	Air consumption scfm	Vacuum flow (scfm) at different vacuum levels (-inHg)											Max vacuum		
		0	2	5	8	11	14	17	20	23	26	29	32	35	psi
26.10	0.30	0.068	0.044	0.018	0.012	0.010	0.0068	0.0038	0.0018	0	0	0	0	0	≥12.035

Feed pressure	Air consumption	Evacuation time (s/cf) to reach different vacuum levels (-inHg)											Max vacuum		
psi	scfm	2	5	8	11	14	17	20	23	26	28	29	29	29	psi
26.10	0.30	0.15	0.41	1.15	1.89	2.95	4.72	8.27	15.060	0	0	0	0	0	≥12.035

Dimensional drawings



Values specified in this datasheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Compressed air quality, DIN ISO 8573-1 class 4.

Tolerance and accuracy:

- Feed pressure tolerance ±0.02 MPa [2.9 psi]
- Vacuum flow/evacuation time accuracy ±10%.

Accessories

01.23.093 | Snap-in piINLINE® 5x MICRO mounting bracket